



Institute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet

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of

2

Complete if Known

Application Number	10/015,530
Filing Date	December 12, 2001
First Named Inventor	Robert T. Plunkett
Art Unit	2183
Examiner Name	Aimee Li
Attorney Docket Number	046301/046000 (QST-046 US)

U.S. PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	U.S. Patent Document Number - Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1.	US 4,380,046	04-12-1983	Fung	
	2.	US 4,758,985	07-19-1988	Carter	
	3.	US 4,870,302	09-26-1989	Freeman	
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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /AL/

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				Art Unit	2183
				Examiner Name	Aimee Li
Sheet	2	of	2	Attorney Docket Number	046301/046000 (QST-046 US)

U.S. PUBLISHED PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	U.S. Patent Document Number – Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS				
Examiner Initials [*]	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T ²
	45.	Altera Apex 20K 1999		
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	47.	Hanna et al., “A Normalized Backpropagation Learning Algorithm for Multilayer Feed-Forward Neural Adaptive Filters,” <i>Neural Networks for Signal Processing XI</i> , Proceedings of the 2001 IEEE Signal Processing Society Workshop pp. 63–72 (Sept 2001)		
	48.	Janweijer et al., “A Compact Robin Using the SHarc (CRUSH),” Obtained from: http://www.nikhef.nl/~peterj/Crush/CRUSH-hw.pdf (Sept 1998)		
	49.	Rajagopalan et al., “A Flexible Multiplication Unit for an FPGA Logic Block,” <i>Circuits and Systems</i> 4:546–9 (2001)		
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ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /AL/

Examiner Signature	/Aimee Li/	Date Considered	06/11/2009
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